



AMENDMENTS TO THE CLAIMS

1. (Previously presented) A metronome apparatus which indicates consecutive timing of beat, comprising:

first means for reading out data about each beat duration time stored in memory or media;

second means for measuring period of said duration time one by one:

third means for indicating the timing of passing of said measured period using visual, audio or other output.

2. (Currently amended) A metronome apparatus claimed in claim 1, further comprising:

fourth means for input of ~~the~~ each one by one beat timing with a button or other device operated by user for initial input or partial modification purpose;

fifth means for recording data acquired by fourth means on memory or media.

3. (Currently amended) A metronome apparatus claimed in claim 1,

wherein the third means is a display for showing point of attention, which moves up and down on a vertical bar,

wherein downward movement changes to upward movement at the timing of beat.

4. (Previously presented) Computer readable memory containing computer program to indicates consecutive beat timing, said program comprising;

first program for reading out data about each beat duration time stored in memory or media and get beat duration time one by one:

second program for measuring period of said duration time one by one:

third program for indicating the timing of passing of said measured period by visual, audio or other output.

5. (Currently Amended) Computer readable memory containing computer program claimed in claim 4, the program further comprising;

fourth program for input of ~~the each one by one~~ beat timing from a mouse or other device operated by user for initial input or partial ~~collection~~ modification purpose:

fifth program for recording each one by one ~~takt-beat~~ duration data on memory or media based on input by fourth program.

6. (currently amended) Method of production of music minus one or karaoke, wherein sound of a part is excluded in recorded sound, utilizing ~~the metronome in claim 1 or~~ computer program stored in memory in claim ~~[[4]]~~5, comprising;

first step for sound recording of performance by full-all members including said part to be excluded performance:

second step for ~~making duration data of input of each every beat-beats in whole music aligned with~~ listening to recording of the first step using fourth program, and making duration data of the input using fifth program:

third step for sound recording of performance ~~missing specific~~ excluding said part, wherein the performance is played in the same tempo with the performance of the first step, using by means of providing the first computer program for reading out the duration data of each beat made in the second step to the metronome in claim 1 or and the second and the third computer program stored in memory in claim 4, and letting it tick for indicating the beat one by one according to the duration data:

fourth step for writing the recorded sound made in the third step on ~~the media such as compact disk or~~ producing copies of it.

7. (Currently Amended) Method claimed in claim 6, wherein the media in the fourth step is delivered in ~~such the~~ way that duration data of each beat of the second step is combined with recorded sound of the third step on separate track of the same media, including but not limited to compact disk, or on each individual media.

8. (Currently Amended) Computer readable mediaMedia holding each one by one takt-beat duration data about music, performance or operation to be used on the apparatus claimed in claim 1 or used with computer program stored in memory claimed in claim 4.

Each of said beat duration data being paired with corresponding bar number and beat number,

and said beat duration data having same format with data used in the first means of metronome in claim 1 and the first program of computer program in claim 4.

9. (Newly added) Method of production of music minus one or karaoke, wherein sound of a part is excluded in recorded sound, utilizing the metronome in claim 2, comprising;

first step for sound recording of performance by all members including said part to be excluded:

second step for input of every beats in whole music listening to recording of the first step using forth means, and making duration data of the input using fifth means:

third step for sound recording of performance excluding said part, wherein the performance is played in the same tempo with the performance of the first step, by the first means for reading out the duration data made in the second step and the second and third means for indicate each beat one by one according to the duration data:

fourth step for writing the recorded sound made in the third step on media including but not limited to compact disc or producing copies of it.

10. (Newly added) A metronome apparatus claimed in claim 3,

Wherein down-ward movement is accelerative and up-ward movement is de-accelerative for precise prediction and perception of beat timing by viewer.

11. (Newly added) A metronome apparatus claimed in claim 3,

Wherein upmost and down-most position of said point of attention change according to time in other word measure and number of beat coming next in a bar.

12. (Newly added) A metronome apparatus claimed in claim 3,

Where light emitting intensity at down-most position in third means is stronger than intensity at other position.